

Substitute for form 1449/PTO				Complete if Known	
				Application Number	10/560,957
				Filing Date	Apr. 03, 2007
				First Named Inventor	STEER, Brian
				Art Unit	1652
				Examiner Name	MEAH, Mohammad Y.
Sheet	1	of	4	Attorney Docket Number	D1150-7N

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
mym		US 6,979,733	12-27-2005	ZHAO	
		US-6,602,700	08-05-2003	LI	
		US-6,921,655	07-26-2005	NAKAMURA	
		US-6,566,113	05-20-2003	TAKAYAMA	
		US-6,127,160	10-03-2000	YAMANOBE	
		US-6,087,131	07-11-2000	GUNATA	
		US-6,022,785	02-08-2000	FOWLER	
		US-5,973,228	10-26-1999	CARLSON	
		US-5,795,766	08-18-1998	SUZUKI	
		US-5,747,320	05-05-1998	SAHA	
		US-5,582,681	12-10-1996	BACK	
		US-6,066,233	05-23-2000	OLSEN	
		US-6,241,849	06-05-2001	FRANKS	
		US-5,833,857	11-10-1998	ROTH	
		US-5,958,758	09-28-1999	MILLER	
		US-6,251,643	06-26-2001	HANSEN	
		US-6,090,595	07-18-2000	FOODY	
		US-5,705,369	01-06-1998	TORGET	
		US-6,409,841	06-25-2002	LOMBARD	
		US-6,423,145	07-23-2002	NGUYEN	
		US-6,660,506	12-09-2003	NGUYEN	
		US-6,184,018	02-06-2001	LI	
		US-2003-0233675	12-18-2003	CAO	
		US-7,220,542	05-22-2007	VAN DEN BRINK	
		US-7,129,069	10-31-2006	BORCHERT	
		US-2006-0257984	11-16-2006	BORCHERT	
		US-2006-0147581	07-06-2006	SVENDSEN	

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*EXAMINER: Initial if reference considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.M./

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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
mym		WO 2006/101584	09-28-2006	BLUM		
		WO 2005/003319	01-13-2005	STEER		
		WO 2004/081185	09-23-2004	BURDETTE		
		WO 2004/016760	02-26-2004	DAY		
		WO 2003/093420	11-13-2003	DUCK		
		WO 2003/012109	02-13-2003	DING		
		WO 2003/000941	01-03-2003	LANGE		
		WO 2002/024882	03-28-2002	FOODY		
		WO 2004/078919	09-16-2004	ADNEY		
		WO 2001/070998	09-27-2001	VAN DEN HOMBERGH		

NON PATENT LITERATURE DOCUMENTS							
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					T²
mym		EP07875173 - Supplemental EP Search Report - 11-12-2009					
		UNIPROT Accession No. Q9X273 - Endoglucanase - 11-01-1999					
		SAKON - Nat. Struc. Biol. (1997) - 4 - 810-818					
		MACKENZIE - Biochem J. (1998) - 335 - 409-416					
		LIEBL - Mol. Gen. Genet. (1994) - 242 - 111-115					
		COUTINHO - The modular structure of cellulases and other carbohydrate-active enzymes: an integrated database approach. In "Genetics, Biochemistry and Ecology of Cellulose Degradation" (1999) K. Ohmiya, et al., eds., Uni Publishers Co., Tokyo, pp. 15-23					
		MURASHIMA - Jurnal of Bacteriology (2005) - 187 - 20 - 7146-7149					
		PAGES - Journal of Bacteriology (1996) - 178 - 8 - 2279-2286					
		KAKIUCHI - Journal of Bacteriology (1998) - 180 - 16 - 4303-4308					
		MEDVE - Biotechnology and Bioengineering - (1998) - 59 - 621-634					
		IRWIN - Journal of Bacteriology (1998) - 180 - 1709-1714					
		BAKER - Applied Biochemistry and Biotechnology (1994) - 45-46 - 245-256					
		HUANG - Anal. Biochem. (1976) - 2 - 369-377					
		CANEVASCINI - Anal. Biochem. (1985) - 2 - 419-27					
		CARDER - Anal. Biochem. (1986) - 1 - 75-79					
		SHALLOM - Current Opinion in Microbiology (2003) - 6 - 219-228					
		SAHA - J. Ind. Microbiol Biotechnol (2003) - 30 - 279-291					
		PARRY - Archives of Biochemistry and Biophysics (2002) - 404 - 243-253					
		BAKER - J. Biochem. Biophys Methods (1991) - 4 - 265-273					

Examiner Signature	/Mohammad Meah/	Date Considered	03/25/2010
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.M./

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mym	DOI - Chemical Record (2001) - 1 - 24-32	
	EP06733858 – Supplementary EP Search Report – 11-06-2009	
	GENESEQ Accession No. ADQ79701 (09-09-2004) – Thermus filiformis tfl beta-gly DNA seqid 5	
	UNIPROT Accession No. Q08638 (10-01-1994) – Beta-glucosidase A	
	UNIPROT Accession No. Q82M59 (06-01-2003) – Putative beta-glucosidase	
	GUNNARSSON – Protein Engineering Design and Selection (2004) – 17(3) – 213-221	
	GUNNARSSON – Glycobiology (2006) – 16 – 1171-1180	
	TOMME – FEBS Lett (1989) – 243 – 239-243	
	GILKES – J. Biol. Chem. (1988) – 263 – 10401-10407	
	TOMME – Enzymatic Degradation of Insoluble Polysaccharides (1995, Saddler, J.N. & Penner, M., eds.) – 142-163	
	HENRISSAT – Curr. Op. Struct. Biol. (1997) – 7 – 637-644	
	COUTINHO – J. Mol. Biol. (2003) – 328 – 307-317	
	BORASTON – Biochem. J. (2004) – 382 – 769-784	
mym	JAGER – World Journal of Microbiology and Biotechnology – 28 – 5 – 455-461 2001	
	PCT/US2006/046919 - ISR & WO - 04-08-2008	
	ALTSCHUL – Journal of Molecular Biology (1990) - 215 - 403-410	
	LYND - Microbiol. And Molecular Biol. Reviews (2002) - 66 -506-577	
	KIKUCHI - Science (2003) - 301 - 376-379	
	SPOSATO - Mol. Plant. Microbe Interact. (1995) - 8 - 602-609	
	CHARNOCK - J. Biol. Chem. (1998) - 273 - 32187-32199	
	LEIBOVITZ - J. Bacteriol. (1996) - 178 - 3077-3084	
	LEIBOVITZ - J. Bacteriol. (1997) - 179 - 2519-2523	
	MURASHIMA - Journal of Bacteriology (2003) - 185 - 1518-1524	
	SHARRICK - J. Biochem. Biophys. Methods (1988) - 2 - 81-105	
	CIPO – 01-12-2010 – Requisition by Examiner – CA 2,529,403	
	HIMMEL - Curr. Opin. Biotechnol (1999) - 10 - 358-364	
	HARJUNPAA - Eur. J. Biochem (1996) - 240 - 584-591	
	EP06845040 - Supplementary EP Search Report - 07-14-2009	
mym	EMBL Accession No. AY690482 (08-23-2004) - Penicillium occitanis cellobiohydrolase I gene	
	SNIPROTE Accession No. Q68HC2 (10-11-2004) - Cellobiohydrolase	

Examiner Signature	/Mohammad Meah/	1/27/11	Date Considered	1/27/11
				03/25/2013

All other references are considered before and Jager et reference above is now corrected
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		GENESEQ Accession No. AAF85588 (06-25-2001) - Acremonium cellulolyticus cellbiohydrolase1	
		GENESEQ Accession No. AAB81926 (06-25-2001) - Acremonium cellulolyticus cellbiohydrolase1	
		DEMAIN - Microbiology and Molecular Biology Reviews (2005) - 69 - 124-154	
		LIN - Applied Microbiology and Biotechnology (2006) - 69 - 627-642	
		ZHANG - Biotechnology and Bioengineering (2004) - 88 - 797-824	
		WOOD - Methods in Enzymology (1988) - 160 - 87-116	
		KLYOSOV - Biochemistry (1990) - 29 - 10577-10585	
		JOHNSTON - Journal of Food Biochemistry (1998) - 22 - 301-319	
		VARROT - Biochem J. (1999) - 337 - 297-304	
		IRWIN - Biotechnology and Bioengineering (1993) - 42 - 1002-1013	
		GRABNITZ - Eur.J.Biochem (1991) - 200 - 301-309	
		ZVERLOV - Microbiology (2002) - 148 - 247-255	
		LYND - Current Opinion in Biotechnology (2005) - 16 - 577-583	

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All the other references that crossed out were considered before /mym/

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